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Date: April 11, 2011

### **CORNELL NOTETAKING: Legacy of the Sumerians**

<u>Key Words</u>	<u>Main Ideas/Supporting Ideas</u>
-Use the wheel for transportation	-used in Mesopotamia c.3250 BCE -possible first us to create pottery -used for easier movement of items like ploughs, carts and war chariots
-Improved pottery making process	-used kiln ; oven that's enclosed used to make bricks and pottery -kiln can reach high temperatures -high temperatures allows brick and pottery to become more tough and hard vs. sun dried bricks
-Produce large amount of copper and use them in weapons and tools	-stronger tools created by mixing copper and tin to make bronze -improved tool strength allow for making superior boats and land transportation (size, strength) -allow to trade with faraway places (India)
-Irrigate fields	-in the beginning, they brought water to their fields by carrying it from the river -later on, dug channels and canals that let water flow from river to field
-Study of the stars	-Sumerian priests knew best times for tilling, planting and harvesting crops -priests made calendar with two seasons: Summer and Winter -calendar based on the moon and had 12 months of 30 days
-Develop engineering	-Sumerians made big temples and complex systems of canals, dikes and ditches -used their knowledge of mathematics -mathematicians used number system made by Sumerians based on 60 until 1600's -today, the system is still used for measuring angles and time
-Develop proficient numerical system	-cities got larger and needed to keep track of economic activities -Sumerians created system that separated the symbol of item from amount -helpful when dealing with large portions
Connections and Reflections (Summary)	The legacy of the Sumerians talk about the things Sumerians started to do. Things they did were using a wheel for transportation for easier movement, created more durable tools so they could build more superior things and irrigating fields. Since they started doing that, it has benefitted to us because we built off their ideas.